

From owner-qrp-1@Lehigh.EDU Thu Nov 21 23:12:16 1996
From: "Gary R. Hanson" <ghanson@uts.cc.utexas.edu>
Subject: [4840] 450 Ohm Ladder Line Questions
Message-ID: <3294E174.20B2@uts.cc.utexas.edu>

Hey gang,

Being an old dog and reluctant to change my spots, I only recently started using 450 ohm ladder line for feeding my antennas. Used single band inverted vees fed with coax for years, but wanted to try a couple of different multi-band antennas fed with 450 ohm ladder line with my newly constructed Super Tee antenna tuner. Came up with a question:

1. Does anyone make a commercial antenna switch for ladder line?

I now have two antennas using 450 ohm ladder line. One is a delta loop and one a long wire. I use a Super Tee antenna tuner and would like to switch back and forth between them (easily) to get signal reports on each. Right now, I'm using banana plugs on each wire of the ladder line and plug them into the back of the Super Tee...one antenna at a time. Not a big hassle to switch back and forth, but I'm not only an old dog, I'm a pretty lazy dog too. How are the rest of you doing it?

I've seen commercial coax switches and I suppose I could wire the ladder line into a PL259 plug. Any problems using a coaxial antenna switch with ladder line? I'm not only old and lazy, but I'm also cheap so are there any good home-brew designs that I can build from spare parts?

2. Helped a ham across town put up a multi-band delta loop using 450 ohm wire and ran the ladder line right up his metal tower... taped it to the tower leg. Later, I read that you should keep the ladder line several inches away from metal. Is this a problem or not?

Thanks for the help,

Gary, KJ5VW

From owner-qrp-1@Lehigh.EDU Thu Nov 21 23:12:16 1996
From: Marshall Emm <75230.1405@compuserve.com>
Subject: [4833] CQC Winter QSO Party
Message-ID: <961121204208_75230.1405_HHB27-2@CompuServe.COM>

It's a while off, but we've made the "official announcement" so here it is. Note that a membership number has points implications-- for club info, membership application,

etc. visit the web page: <http://www.mtechnologies.com/mthome/cqc.htm> or send email to rschneid@ix.netcom.com

Colorado QRP Club announces the 1997 CQC WINTER QSO Party

Date/Time: Sunday, February 23, 1997
2200 UTC Feb.23 to 0359 UTC Feb.24

Exchange: RS(T), State/Province/Country, First Name, and
Member # if CQC member, power output if not
ie: 579 CO Jim NR 04

Suggested frequencies

CW 1825, 3560, 3710, 7040, 7110, 14060, 21060,
21110, 28060, 28110

SSB 1910, 3985, 7285, 14285, 21385, 28385

No contacts on 30, 18 and 12 meters allowed

Classes: Single Band, Multi-band, Novice/Tech (all single operator only)

QSO Points:

CW- CQC member 6 pts, non-member 4 pts

SSB- CQC member 3 pts, non-member 2 pts

Multiplier: States/Provinces/Countries worked.

The same station may be worked on different bands

for additional QSO points and multipliers. Contacts on
the same band using a different mode counts for QSO
points, but not as an additional multiplier

Names: Total of first names from Name sheet. One first name per
letter of the alphabet. Name must be same as Callbook, QSL card,
or name commonly known by.

Score: Total Score = QSO Points x Multipliers x Names

*Bonus points for working Club Station W0CQC - Add 1000
points to your FINAL score for working W0CQC

Power: Stations must use 5 watts or less output, CW or SSB. There are no
power multipliers.

Awards: To Be Determined, Highest Score in each class

Submit log showing:

Band

Mode

Time UTC

Station Called

RST Rc'd
SPC Rc'd
Name Rc'd
Memb#Rc'd (or pwr out if not CQC member)
Mult.
Points

For sample Log, and Name sheets, send SASE and one unit first class postage to:

Jim-KG0PP-CQC Contest
P.O.Box 31575
Aurora, CO 80041-0575

From owner-qrp-1@Lehigh.EDU Thu Nov 21 23:12:16 1996
From: "Len W. Touth" <len@infinet.com>
Subject: [4856] CQrp - Columbus QRP meeting reminder
Message-ID: <199611220245.VAA12670@mail1.infinet.com>

Hi Gang:

Just a final reminder that the first meeting of the Columbus (Ohio) QRP Club (CQrp) will be this Saturday Morning - It will be a breakfast meeting, so bring your stomachs!

Time: 10:00 AM
From owner-qrp-1@Lehigh.EDU Thu Nov 21 23:12:16 1996
From: JFelts4572@aol.com
Subject: [4825] DD-1, NW80/20
Message-ID: <961121122402_1485500537@emout19.mail.aol.com>

Is anybody using OHR's DD-1 with Emtech's NW series of rigs? If so please E-Mail with info. How well it works, how did you do it? etc etc.

Jerry - NR5A

From owner-qrp-1@Lehigh.EDU Thu Nov 21 23:12:16 1996
From: SYDV00A@prodigy.com (MR FLOYD E SMITHBERG)
Subject: [4826] FOX - Skunked
Message-ID: <199611211740.MAA22892@mime4.prodigy.com>

Not the FOX, he did fine...but this hunter got skunked last night. Heard

him 229 at first...too weak to even call, so waited and he came way up to 449 on the vertical...could not even hear him on dipole. Called, but couldn't break through. Heard many others calling and working but apparently my "loud signal" never got further than Texas. Tnx for report Chuck.

73 N
Floyd Phoenix ScQRPion
7
X

From owner-qrp-l@Lehigh.EDU Thu Nov 21 23:12:16 1996
From: "Mark S. Adams" <msadams@ACSU.Buffalo.EDU>
Subject: [4837] Fox Report (I HOPE)
Message-ID:
<Pine.GS0.3.93.961121165140.16347A-100000@conciliator.acsu.buffalo.edu>

Hi Gang,

Here is a stab at putting up my fox report from Wednesday evening. If it does not work I will repost on Friday AM using a real mail utility.

Please send me corrections as necessary so I can give Chuck the results this weekend.

Thanks again for a super stint as the fox and see you in February.

72, Mark N2VPK
Member of the Buffalo QRP Connection

From owner-qrp-l@Lehigh.EDU Thu Nov 21 23:12:16 1996
From: Bob Kellogg <ae4ic@nr.infi.net>
Subject: [4866] Fox Tuesday (really, really)
Message-ID: <199611220500.AAA13881@mh004.infi.net>

Gang,

Now, I'm going to try this again. Please understand that the purpose of all of this is to minimize confusion!!?? (I've corrected the dates at the end of this post)

I'll be the Fox next Tuesday night, November 26. Now, that is a real date, just like is on your calander. Tuesday is the second workday of the week for most of us, and I'll be on the air that evening. I stay in a constant

state of confusion about what day it is and what time it is, so forgive me for belaboring the point. More specifics are listed below.

Also, I'll not be hiding. I plan to jump right out of my burrow and thumb my nose at you all. But remember, I'm pretty new at this morse code stuff, so be gentle. If I get confused I may have to let you take turns by area or something.

Exchange is RST, S/P/C, NAME, QRP-L NR. in that order.

Call: AE4IC
Name: Bob
Freq: 7.035 - 7.038
Time: 8:00-10:00 PM, EST. That's 0100-0300 UTC.
From owner-qrp-l@Lehigh.EDU Thu Nov 21 23:12:16 1996
From: "W. Daniel, 9V1ZV" <daniel@pandora.lugs.org.sg>
Subject: [4822] FOX-20 on 14060 NOT 14045
Message-ID: <32947db5.pandora@pandora.lugs.org.sg>

In view of the CQ WW CW, our operation will concentrate more on 14060 between 1030 and 1230 UTC or 1030Z to 1230Z. We'll be moving around as well so see you guys on the bands! Me and Smitty, NA5K will be looking out for you.

73 de 9V1ZV Daniel

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*-----+-----+
| Daniel Wee | daniel@pandora.lugs.org.sg      |
| 9V1ZV      | danwee@singnet.com.sg                      |
| QRP-L #667 | daniel.wee@f516.n600.z6.fidonet.org        |
+-----+-----+
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From owner-qrp-l@Lehigh.EDU Thu Nov 21 23:12:16 1996
From: Bob Kellogg <ae4ic@nr.infi.net>
Subject: [4831] Fox: Tuesday (really)
Message-ID: <199611212008.PAA03559@mh004.infi.net>

Hi Gang,

I'll be the Fox next Tuesday night, November 26. Now, that is a real date, just like is on your calander. Tuesday is the second workday of the week for most of us, and I'll be on the air that evening. I stay in a constant state of confusion about what day it is and what time it is, so forgive me for belaboring the point. More specifics are listed below.

Also, I'll not be hiding. I plan to jump right out of my burrow and thumb

my nose at you all. But remember, I'm pretty new at this morse code stuff, so be gentle. If I get confused I may have to let you take turns by area or something.

Exchange is RST, S/P/C, NAME, QRP-L NR. in that order.

Call: AE4IC

Name: Bob

Freq: 7.035 - 7.038

Time: 8:00-10:00 PM, EST. That's 0100-0300 UTC.

From owner-qrp-1@Lehigh.EDU Thu Nov 21 23:12:16 1996

From: "Walter B. Thomas" <walter.thomas@gsfc.nasa.gov>

Subject: [4824] FS: NC40A and OHR ExII

Message-ID: <2.2.16.19961121111353.2b979f98@pop300.gsfc.nasa.gov>

FOR SALE:

NorCal 40A - Club Kit - 40 Meters

Has 10:1 vernier tuning (Jackson Bros. drive) with 100K conductive plastic VFO potentiometer, set up for 7025-7059 kHz with white, professionally lettered dial. This is probably the smoothest tuning, direct readout NorCal 40/A in existence, with a rate of 5-6 kHz per turn. Approximately 2.5 W Po at 13.8 V. Other mods include: Rev. B VFO filter, film capacitors in audio channel, 1N270 Ge AGC diodes (works as well as the Rev. B Schottky diodes), matched FET's for AGC/mute switch, IF filter crystals matched to within 10 Hz, selected driver FET (Q5), stiffeners for front panel (L-brackets below PWB), smooth-sided case (no latches, uses countersunk head, black oxide 4-40 screws). Painted beige front and rear with black (transfer) lettering, case halves Williamsburg blue. Construction quality is a "10+." Includes complete manual, listing of mods, spare case screws and a spare PA transistor (it's not bad, just thought I'd throw it in).

\$115.00 postpaid and insured, continental US. (DX- we'll have to figure out the shipping cost.)

OHR Explorer II for 40 M

Covers 7000 to ~7065 kHz with 8:1 vernier capacitor. Approx. 2.5 to 3.0 W Po with 12.6 to 13.8 V. Has variable IF filter (BW approx. 1300 - 300 Hz) with four 4.915 MHz crystals, RIT. Stock except BNC antenna jack and 3.5 mm (1/8 in.) 'phones and key

jacks. Includes original SO-239 and 1/4 in. jacks,
(for converting back to those) and manual.

\$75.00 postpaid and insured, continental US. (DX-
we'll have to figure out the shipping cost.)

Reason for selling: With two other NorCals, an
NE3040 and a Sierra, these puppys need a home.

Walt Thomas/WA4KAC Even. (301) 604-1808

From owner-qrp-1@Lehigh.EDU Thu Nov 21 23:12:16 1996
From: Dan Keen <70731.722@CompuServe.COM>
Subject: [4851] Huge, HUGE list of stuff
Message-ID: <961122014127_70731.722_EHM102-2@CompuServe.COM>

> 11) And now the king...Vibroplex original standard bug, stamped
> with Mobile, Alabama address. New in box (opened), S/N
> 101544. \$139 new, asking \$105.
>

Scott, if this is still available, do you know about when this bug was
manufactured, whether its a newer unit or if an oldie from which decade?

Dan
70731.722@compuserve.com

From owner-qrp-1@Lehigh.EDU Thu Nov 21 23:12:16 1996
From: Dan Keen <70731.722@CompuServe.COM>
Subject: [4852] Huge, HUGE list of stuff
Message-ID: <961122014121_70731.722_EHM102-1@CompuServe.COM>

> 6) MFJ-1704 4-position high-power coax switch with lightning
> protection bead. \$60 new, never used, with original packing
> and manual. \$48.

Scott, I'll pay \$48 total if you pay the shipping charges to California
via the Post Office.

Dan 70731.722@compuserve.com

From owner-qrp-1@Lehigh.EDU Thu Nov 21 23:12:16 1996
From: PasDave@aol.com
Subject: [4860] Manuals needed.
Message-ID: <961121222407_771829601@emout16.mail.aol.com>

Hi guys--I am on the prowl for manuals for the following items:

Heath Model HM2102 Wattmeter
Hallicrafters Receiver Model S-120

Will be most happy to pay copying costs, postage, etc. Thank you for your help. I really appreciate this net. David Smith KE6PUF, 233 North Homassel, Lindsay, CA 93247 PasDave@AOL.COM NORCAL, COLO QRP CLUB, ADVENTURE RADIO SOCIETY

From owner-qrp-1@Lehigh.EDU Thu Nov 21 23:12:16 1996
From: Jim/NOUR <LAGESON@worldnet.att.net>
Subject: [4830] Mint Set... Oops
Message-ID: <19961121200642.AAA4078@LOCALNAME>

AAAAHHHHHH!!!! The mint set letter was supposed to go to my mother-in-law... I got carried away and inadvertently hit the wrong line in my message-sending category....

You ask "What is a mint set?" It's put out by the U.S. Postal Service each year, a book containing information and samples of all the newly issued stamps for the past year (my mother-in-law wants to know when they come out each year). Sorry for the confusuion, but you can't begin to imagine the laughs my wife and I got over some of the responses!!!

By the way, I've already sold 4 sets!

73/72's Jim.....NOUR.....stamp dealer

From owner-qrp-1@Lehigh.EDU Thu Nov 21 23:12:16 1996
From: "W. D. (Doc) Lindsey" <70511.3041@CompuServe.COM>
Subject: [4861] My First FOX!
Message-ID: <961122033711_70511.3041_IHD86-5@CompuServe.COM>

Gang:

Finally got a FOX. Had to work until nearly halfway through the FOX hunt, but as soon as I got home went right to 70112. And there was the FOX with his head up--begging someone to get him. I did, with my Norcal 40a. What a gun.

BTW, the FOX was doing simply a superb job with it. Made me proud to listen to him carefully get everything done. It was a credit to QRP, hamming, and of course FOX hunting. Great job, OM!

72/73,
--Doc/K0EVZ

From owner-qrp-1@Lehigh.EDU Thu Nov 21 23:12:16 1996
From: nskousen@scientech.com (Niel Skousen)
Subject: [4865] N/T Fox Rpt
Message-ID: <199611220436.VAA02353@eaglerock.if.scientech.com>

Thanks to everyone for a great night ! I set a goal for 15 QSO's and got 14. Tried to handle the several times w/ coincident calls, hope I did not leave anybody who could hear me hanging.

On a couple of calls, thought I had it all and later found i had not, oh well if I messed up your call/QSO my fault not yours.

This is FUN, and its amazing the progress that I feel, hope it's apparent to the other end too....

=====

0210	N7KT	339	339	ROGER	AZ	62
0218	KB0ROL	449	459	BRAD	CO	316
0226	NI0A	449	349	JOHN	MN	689
0235	WA9PGP	339	349	---	IN	---
0240	KB0SJY	449	589	DEREK	CO	638
0245	K50N	5x9	559	GARY	NM	77
0300	W1HUE	599	579	LARRY	ID	228
0307	K6JI	449	549	DENNIS	CA	303
0315	K0EVZ	459	449	DOC	--	--
0320	AB7ST	479	559	BOB	UT	129
0329	KJ7UN	349	559	LAURA	MT	790
	N3???					

VE???

0349	WB6LMA	449	549	FRANK	OR	5W
0350	AB7HI	459	429	STEPHEN	-	68
0355	KD0SU	449	449	NICK	CO	539

??6DMD

Thanks again all for your patience and a very fun time

72
dit dit dit
Niel

From owner-qrp-1@Lehigh.EDU Thu Nov 21 23:12:16 1996
From: Dale Anderson <dalea@artemis.fc.hp.com>
Subject: [4828] QRP and San Diego...
Message-ID: <9611211812.AA15934@artemis.fc.hp.com>

Hey QRP'rs!

I'll be on a plane to San Diego this weekend. (Cabin pressure should be stimulating {like shock therapy} with this head cold.) I will be out there for a week.

I'll have my 49'er with me (tuned in the 7.122 MHz +/-3Khz range). May try to op from Poway, Mission Bay and/or P.B. Depending on what I can find to support a dipole. I'd REALLY appreciate a call from anyone hearing my CQs. I'll most likely be on at night. I hope you will all listen for KB0VCC/6 /QRP. -Thanks.

Also, a few questions for the locals...

Any good "candy stores" besides H.R.O. in the area?

Any open VHF/UHF repeaters that any of you hang out on?

Any interesting (ie. QRP, etc.) nets on VHF/UHF?

Any QRP club meetings I can crash?

Any place out there sell 7.040MHz rocks so I can conv

my 49'er to the official QRP freq range and maybe snag
a FOX on this trip?

72 es 73,
de Dale, KB0VCC
Fort Collins, CO
QRP-L #91 / CQC #251

From owner-qrp-1@Lehigh.EDU Thu Nov 21 23:12:16 1996
From: Bob Kellogg <ae4ic@nr.infi.net>
Subject: [4867] QRPers, 40-9er contest
Message-ID: <199611220500.AAA16059@mh004.infi.net>

The logs are rolling in for the 40-9er contest, but I'm noticing something
interesting:

There were more regular QRP rigs on the air during the contest than 40-9ers.
And, there are prizes for the most points earned with a QRP rig as well as
with a 40-9ers. *But*, so far, I've received a lot more 40-9er entries than
regular QRP entries.

Speaking for myself, it was a lot of fun hunting for 40-9ers to contact.
Maybe a lot of you just did that with no thought of entering
Bob Kellogg, AE4IC
Probably, but not nececelery. - Benny Hill

From owner-qrp-1@Lehigh.EDU Thu Nov 21 23:12:16 1996
From: Mel Evans <101366.3072@CompuServe.COM>
Subject: [4839] RFI-Computers
Message-ID: <961121222533_101366.3072_JHP80-1@CompuServe.COM>

Hi gang,

Check out all the other bits before you blame the computer! I spent ages
disassembling a clone case and spraying the inside with (expensive) conductive
shielding paint, bonding all the case parts to-gether before re-assembly, only
to find out by accident, (the power cable fell out whilst moving it) that it was
the printer that was the cause of the trouble, and two quick fixes were:

1) Ferrites on Power cable and cable from the computer.

2) Leave the @*^& thing switched off until actually needed.

Moral: make sure brain is engaged before trying to use. I won't tell you about taking my first 386 home from the store, using it for three weeks and thinking it wasn't that much better/faster then the old 286 it replaced. I phoned the store to complain, and then they managed to mention the button marked "TURBO"! Need I say more?

72 and 73 de Mel
Edinburgh Scotland UK
Home of the last HW9
(and I've got an EPSON PCe as well!)

From owner-qrp-1@Lehigh.EDU Thu Nov 21 23:12:16 1996
From: clifton w sikes <csikes@brightok.net>
Subject: [4849] SLV and QRP Breakfast in OKC
Message-ID: <199611220049.SAA18350@sooner.brightok.net>

Hello group, I finally received my 20 ft. pole, and will proceed with the antenna. I don't remember, how much of the dowel should be inside the base section? Hope to do FYBO with this antenna, and operating down by the pond. This Saturday morning there will be a qrp get together in Oklahoma City. If you happen to be in town, come join us. The location is Ingrid's Kitchen, at 3701 N. Youngs Blvd. The corner of 36th and Youngs. This is a German bakery, and great stuff to sample. Will worry about the contest after a good meal and good qrp conversation.

72, Clif

Clifton Sikes

AB5UA
Earlsboro, Ok.

From owner-qrp-1@Lehigh.EDU Thu Nov 21 23:12:16 1996
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Subject: [4855] Ten-Tec QRP rigs
Message-ID: <Pine.SOL.3.94.961121213417.16674A-100000@utkux4.utcc.utk.edu>

Spoke to Tom Salvetti of Ten-Tec tonight, and he reports that the 40 meter QRP transceiver should be out within the next 2 weeks.

The 80, 30, and 20 meter rigs will likely not appear until after January

1, 97.

Who will be first to set one on the bench and run its numbers in comparison to the other fine QRP 40-meter kits available?

-73-

LB, W4RNL

From owner-qrp-1@Lehigh.EDU Thu Nov 21 23:12:16 1996
From: "David Kreinberg" <kreinbd@ccgate.dl.nec.com>
Subject: [4823] TNX and FOX
Message-ID: <9610218486.AA848602356@smtpgw.ccgate.dl.nec.com>

The high speed code tapes by Jerry Ziliak
have been sold. Thanks to all who showed interest.

Got the fox, Mark, last night about 18 minutes into
the hunt. At the start, he was no where in sight.
Heard the pile-up, so knew I was in the right place.

Finally heard Mark, put out a call, and got him. Nice
job, Mark. You certainly sounded cool under fire.

Chuck, count another strike for the TX crew :-)

Rig: Yaesu FT-840@4w
Ant: Inverted Vee up 30 ft.
QTH: Lewisville, TX (nr Dallas)

73 de Dave NR3E
Dallas, TX QRP-L #25

From owner-qrp-1@Lehigh.EDU Thu Nov 21 23:12:16 1996
From: "Dan Harriman" <KC5GXL@pnx.com>
Subject: [4862] Trip to Michigan
Message-ID: <199611220422.XAA239795@nss2.CC.Lehigh.EDU>

Hello fellow qrp-l ers;
Making the annual trip to the land of perma-frost. Leaving

tomorrow, 11/22 afternoon. Be in Findlay, Ohio by Sunday morn. Be in Mich by Tues or Wed. Won't be able to send or receive CW on the road, as I can't copy code good enough in my head to have a meaningful contact! Hi hi! However, once I get into Mi, I am gonna go to my brother's house in Rochester (listening, Paul, with the new call?) and hook up the 49'er. Hope to convert the brother to qrp!

Everybody have a happy Thanksgiving!

73 de Dan aka kc5gx1 qrp-1 # 431

From owner-qrp-1@Lehigh.EDU Thu Nov 21 23:12:16 1996
From: David Brude <dbrude@utc.campus.mci.net>
Subject: [4859] Want:Heath VTVM
Message-ID: <199611220310.WAA24820@utc-01.campus.mci.net>

I am looking for a Heathkit Vacuum Tube Voltmeter and if by chance an RF probe to go with it. Must be in good working(reasonably accurate)order. Please e-mail me at.....

dbrude@utc.campus.mci.net

Thanks

David Brude (KN4EG)Chattanooga TN

From owner-qrp-1@Lehigh.EDU Thu Nov 21 23:12:16 1996
From: "Ronald H. Evans" <ronald_evans@pipeline.com>
Subject: [4841] Wanted MOuSeFET Transmitter or Kit from QST DEC 86 p.19.
Message-ID: <2.2.32.19961121231103.006900b4@pop.pipeline.com>

I have an idea about using FSK (read PACTOR) in battery powered portable operation and a quick look at my back issue collection turned up this transmitter. I called A&A and the kits are long gone. Anyone have a kit hidden away or a complete unit they want to sell? I prefer 80 meters but any frequency will do. Any suggestions of a similar transmitter would be appreciated. TNX es 73, Ron K4KTB

From owner-qrp-1@Lehigh.EDU Thu Nov 21 23:12:16 1996
From: Ron Giuntini <rong@slip.net>
Subject: [4853] Whaaaaa?

Message-ID: <E0vQkgZ-0001Y1-00@ferret.slip.net>

Why did I just have to resubscribe? I was not getting any email from the list and when I tried a test message I was told that I was not subscribed to the list..What happened?

Ron KB6GK
NorCal #1718
San Francisco

From owner-qrp-1@Lehigh.EDU Thu Nov 21 23:12:16 1996
From: talljazz@teleport.com (Dan Presley)
Subject: [4834] Wilderness Radio
Message-ID: <v01530506aeba716ae9a1@[206.163.123.155]>

Does anyone know if Wilderness Radio (Bob Dyer) has ann e-mail adress? I've checked his web site w/ no sucess (I have telephone already).
Thanks Dan N7CQR

From owner-qrp-1@Lehigh.EDU Thu Nov 21 23:12:16 1996
From: "Douglas L. Datwyler" <datwyler@mail.aros.net>
Subject: [4845] Ziliak tapes
Message-ID: <3294E8C4.1DC1@mail.aros.net>

I loved the Ziliak tapes. The tapes and an now old uMatic keyer from Heath (as suggested on the set of tapes I had) got me to Extra.

Note: I had the tapes, loaned them to someone, they lost them. I like to have a set again. My code is gone from inactivity (NO CW in 8 years).
Guess I had better call Ziliak up and get a set to bring the code back up AGAIN!!!

Douglas L. Datwyler WR70
datwyler@aros.net

From owner-qrp-1@Lehigh.EDU Thu Nov 21 23:12:16 1996
From: JessQRP@aol.com
Subject: [4850] Ziliak Tapes and other ramblings
Message-ID: <961121200454_771813279@emout18.mail.aol.com>

I agree on the KB6MT tapes

I used the KB6MT tapes along with regular QSO's on the novice band. I went from 0 to advanced in about 2 months and then procrastinated on the 20. When I got back to it about a year later listened to the KB6MT taped only and passed my extra soon there after. He also managed to instill in me a low level passion for the code. I know that there is a lot of talk these days about dropping CW. But I tell you truthfully, there is no greater satisfaction then hearing that you passed the code test at whatever speed it is. It comes from knowing that you accomplish something that at one point you thought you would never forget. I think that that is the reason that QRP holds such a fascination for me. It really brings the romance of radio to life. I will never forget my first HF QSO on the 40 meter novice band. I will never forget the first QSO that I made with the 30 meter QRP kit that I built as a General. I will never forget working Easter Island through a pile up on 700 milliwatts. And if you will permit me to wax nostalgic for a moment, about a year ago I had a back injury that will forever change the way that I live. I will not get into the gorey details, but I spent 12 weeks in the hospital laying on my stomach and side, going to the bathroom uphill. At one point in this whole process, I was confined to bed at home and could not get up for ANY reason. I had the A&A 30 meter rig next to the bed and my NN1G SW 40 hooked to batteries. My loving wife permitted the coax run across the floor out to the shack and out to the R 7 vertical that I had at that time. This was my link to sanity. many nights of pain and no sleep were diminished by being able to listen to the music of CW and talk to people in the outside world. One night as I lay there, I tuned the bottom of 40 meters at 3 am. I heard a lonely CQ from a Russian at Antarctica. I answered him with my mighty 1 watt and got a 579 back. I was in heaven and for a brief period, my problems and pain disappeared.

If you are slower than you want to be, get your speed up. Build, operate, enjoy. Life is NOT too short for QRP but it is too short not to live it to the fullest in whatever way you enjoy.

Thanks for allowing my demented ramblings, this group is a slice of QRP heaven...

Best 72
Jess N0TFI

From owner-qrp-l@Lehigh.EDU Thu Nov 21 23:12:16 1996
From: okasb@rex.mtv.gtegsc.com (Bob Okas)
Subject: [4842] Re: 450 Ohm Ladder Line Questions
Message-ID: <9611212334.AA19319@rex.mtv.gtegsc.com>

Gary and the Gang,

While I know of no commercial switch specifically designed

for ladder line, how about using an old-fashioned 2-pole double throw knife switch? I suspect places like well-stocked hardware stores might carry them in either plastic or ceramic. Antique Electronic Supply in Tempe, AZ might also carry them. I have their catalog at home, but I can get the phone # tomorrow.

Bob - W3CD

From owner-qrp-l@Lehigh.EDU Thu Nov 21 23:12:16 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [4843] Re: 450 Ohm Ladder Line Questions
Message-ID: <199611212339.XAA14614@chuck.dallas.sgi.com>

Gary,

Good idea to switch between the two antennas. One thing that someone has probably already done and can report to the group is to use one of the old knife switches. In fact, can't you still buy them at hardware stores for electrical switches. Probably can buy them with the right spacing also and they are surely low loss with large contact areas.

I may be out in left field on this one, but I'm willing to experiment here also. It boggles the mind to think of the possibilities.

I'm not a fan of banana plugs anyway. Wear and tear in frequent use bothers me.

Thank you,

SIG

Chuck Adams (K5FO CP-60) WAS 40m/30m/20m=49/49/50
EMPS QS0s=109 STATES(w/c)=34/2 DX=0

From owner-qrp-l@Lehigh.EDU Thu Nov 21 23:12:16 1996
From: "Mike Siegel" <ki6pr@msn.com>
Subject: [4846] RE: 450 Ohm Ladder Line Questions
Message-ID: <UPMAIL05.199611212352130526@msn.com>

Gray, 450-ohm line is wonderful stuff; I haven an acquaintance that even uses it to feed VHF and UHF arrays, with great success.

I don't specifically recall seeing any ladder-line switches, but I'll just about bet that if you check into some of the military surplus gear (Fair Radio Sales, etc.), you'll probably find something pre-built, and mil-spec. On the other hand, you can build it yourself, using a Radio Shack AC switch - just find one that maintains the physical spacing you want.

I have always been told to try to avoid running ladder line parallel, and in close proximity to, other metal objects, as this creates all kinds of havoc with your orderly signal transmission feeding. What I've been told is to minimize contact - keep it at right angles, if possible, and otherwise, to space the twin lead at least it's own width away from the metal object, if not farther.

Now, I'll shut up, and let the engineers tear it up for a while...

72/3, Mike KI6PR
El Rancho R.F., CA

From: owner-qrp-1@Lehigh.EDU on behalf of Gary R. Hanson
Sent: Thursday, November 21, 1996 3:10 PM
Subject: 450 Ohm Ladder Line Questions

Hey gang,

Being an old dog and reluctant to change my spots, I only recently started using 450 ohm ladder line for feeding my antennas. Used single band inverted vees fed with coax for years, but wanted to try a couple of different multi-band antennas fed with 450 ohm ladder line with my newly constructed Super Tee antenna tuner. Came up with a question:

1. Does anyone make a commercial antenna switch for ladder line?

I now have two antennas using 450 ohm ladder line. One is a delta loop and one a long wire. I use a Super Tee antenna tuner and would like to switch back and forth between them (easily) to get signal reports on each. Right now, I'm using banana plugs on each wire of the ladder line and plug them into the back of the Super Tee...one antenna at a time. Not a big hassle to switch back and forth, but I'm not only an old dog, I'm a pretty lazy dog too. How are the rest of you doing it?

I've seen commercial coax switches and I suppose I could wire the ladder line into a PL259 plug. Any problems using a coaxial antenna switch with ladder line? I'm not only old and lazy, but I'm also cheap so are there any good home-brew designs that I can build from spare parts?

2. Helped a ham across town put up a multi-band delta loop using 450

ohm wire and ran the ladder line right up his metal tower... taped it to the tower leg. Later, I read that you should keep the ladder line several inches away from metal. Is this a problem or not?

Thanks for the help,

Gary, KJ5VW

From owner-qrp-1@Lehigh.EDU Thu Nov 21 23:12:16 1996
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Subject: [4857] Re: 450 Ohm Ladder Line Questions
Message-ID: <Pine.SOL.3.94.961121214717.16674D-100000@utkux4.utcc.utk.edu>

Gary,

suggest you use a DPDT knife switch--they come in many styles, but the little plastic jobs are likely to work fine. Mount it anywhere handy along the path to the tuner. Although there will be a minor impedance bump due to the structural properties of the switch, it will be minor compared to using coax connectors with the parallel line.

-73-

LB, W4RNL

From owner-qrp-1@Lehigh.EDU Thu Nov 21 23:12:16 1996
From: kt3a@juno.com (Cameron CR Bailey)
Subject: [4863] Re: 450 Ohm Ladder Line Questions
Message-ID: <19961121.211333.7783.1.kt3a@juno.com>

To switch 450 window (ladder) line,
I use the dual banana plugs that you can find at Radio Shack. They have 3/4 inch spacing which is a standard spacing in the electronics industry. Just make a box with the jacks spaced at 3/4 inch and plug in the line you want to use.

As for balanced line around metal;

not a good idea. If possible, run at
right angles to the line.

Cameron CR Bailey, KT3A <><
ARCI Board member, QRP-L 7
QRP Society of Central Pennsylvania

From owner-qrp-l@Lehigh.EDU Thu Nov 21 23:12:16 1996
From: Paul Erickson <paul1@wizard.ucs.sfu.ca>
Subject: [4847] Re: FOX-20 on 14060 NOT 14045
Message-ID: <9611220002.AA10638@wizard.ucs.sfu.ca>

Hi Daniel and everyone ,

If you hear VE7CFD, it will be me. I am operating qrp from there for the
contest. Want to see what qrp is like with beams for 40-10 mtrs.

Hope to work many of you.

cheers, Paul
VE7CQK
email: paul1@wizard.ucs.sfu.ca

From owner-qrp-l@Lehigh.EDU Thu Nov 21 23:12:16 1996
From: rright@primenet.com (Roger Hightower)
Subject: [4858] Re: Fox: Tuesday (really)
Message-ID: <199611220305.UAA24062@primenet.com>

At 03:08 PM 11/21/96 -0500, Bob Kellogg wrote:

>Hi Gang,

>(snip)

>Date: In America, Tuesday, Nov. 27. UTC, Wednesday, Nov. 28

>QRP-L NR: Yes

>

>Be lookin' for you tuesday night!

>

>CUL,

>

>Bob Kellogg, AE4IC

>Prolably, but not nececelery. - Benny Hill

>

My calendar says Tuesday is Nov 26 and Wednesday is Nov 27 U.S. time. Are we in the right year?

72/73 de Roger N7KT (ex AA7QY)

NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-1@Lehigh.EDU Thu Nov 21 23:12:16 1996
From: "John A. Evans - N3Q00" <jaevans@cos.cst.titan.com>
Subject: [4827] Re: FS-UPGRADE CODE TAPES
Message-ID: <199611211801.NAA252159@nss2.CC.Lehigh.EDU>

> I want everyone to know about KB6MT.

< snip >

> WELL FOLKS

> IT IS THE BEST I EVER USED ! Being a man of my word I have recommended =
it

> all who have asked.

>Duane AB4BE

I agree that his tapes have helped me with speed (hey, they don't give =
me
more hours in the day - when you locate those, let me know) BUT, the =
one
thing that detracts and distracts just a little (for me anyway) is his =
lack
of presentation skills. I usually skip over his discussion because I =
find
myself getting disgusted with his lack of polish. I know, we are all =
human,
and I am not looking for WB6NOA's style (sometimes a bit sickly sweet =
for me),
but I find myself wanting to correct him when listening to his tape.

Flame away !!

BTW, I should have a working station in a week or so, so watch out !!!!!

All that is left is to get the ladder line in through the basement = window.

Anyone got a source for heavy duty DPDT knife switches ???

72, n3qoo

john

John A. Evans Chief System Administrator
Office: (719) 528-1800 Titan Client/Server Technologies
Fax: (719) 528-1888 1115 Elkton Dr, Suite 200
email: jaevans@cos.cst.titan.com Colorado Springs, CO 80907-3535

From owner-qrp-1@Lehigh.EDU Thu Nov 21 23:12:16 1996

From: km1h@juno.com

Subject: [4835] Re: How about PC Monitor RFI?

Message-ID: <19961121.155007.6623.5.km1h@juno.com>

Whoa....some misconceptions are out there!

A modern PC motherboard works the same under DOS as Windows, the processor doesn't change frequency with the software. Any speed changes are out on the busses and their controllers. There is still a Turbo Mode switch/connector on current cases and motherboards for those very few that still insist on using antiquated software but it is virtually unused today.

Most of the increased Windows noise you hear is caused by peripherals, their boards and drivers. Such items as SVGA cards, 32 bit Disc Access, Modems, MPEG, etc are not in use under DOS. Your 4M VRAM Diamond, etc Video card is running plain old EGA/VGA under DOS unless you have loaded special application drivers. Your modem, sound card, etc are generally "uninitialized" unless in use....Windows loads all those drivers as TSR's.

Take a close look at all your plug-in cards. They all have at least one and usually many crystals and/or oscillator packages.

Even the motherboard integrated controllers are suspect. Under DOS your fancy 1.6GB Fast IDE drive is just barely humping along. Under WIN 3.1, 3.11 and 95 different things do/may/can (this is Windows remember!) happen to speed things up to its full PIO Mode 4 capability. These are all controlled from the basic oscillator clock(s) related to that controller. The old P90 processor for instance is still chugging along as

before with the 30MHz PCI buss; ISA buss, etc. ...its oblivious to external influences. Like the Energizer Bunny, it just keeps chugging along. The various controllers and motherboard support chips regulate the traffic. For instance you may disable COM2 under BIOS but COM2 or COM4 become active again with the plug-in modem card....new noise sources only under WIN. Even the Mouse on COM1 is dead under DOS without a driver but is automatically loaded under WIN.

If you want to really get a headache try and compute the influence of all these oscillators, mixing products, etc. Lots of noise, spurs, crud, etc.

You guys on HF have it easy. Band noise covers a lot. Try weak signal VHF/UHF work and you will really appreciate a rural location!

Gateway has one of the best RFI proof cases I've seen; finger stock and all.....386 thru P166 tower styles anyway. I cant say the same for some of their recent hardware reliability; we get a lot of repair calls. My own PC's are all home assembeled and range from P90 to Cyrix 166+ and I pay particular attention to RFI prevention. Clean metal to metal contact, quality cables, etc.

You pay for what you get with out of the box monitors. The Korean brands seem the worst. There are 5 PC's here and I use a mixture of Zenith, MAG and NEC all 17 inchers for family and business. Chromerics and others sell a conductive spray paint that works great for inside the case coating on any monitor but particularly the "generics".

With a combination of good cases, monitors, ferrites and other shielding procedures I can operate with almost no computer RFI on any band. Cable TV leakage and some neighbors TV's are my biggest problem now. (Ive built or upgraded all the PC's in the neighborhood!). It has taken many years and hours starting with a C64 to tame the computer crud here. Thankfully I had all the inventory and resources of my business, Radiokit, to experiment with; even so it was a real challenge!

I am particularly interested in hearing about other positive RFI solved cases; computer or otherwise.

73.....Carl KM1H

From owner-qrp-1@Lehigh.EDU Thu Nov 21 23:12:16 1996
From: earlve3ab@host.igs.net
Subject: [4836] re: lattin antenna
Message-ID: <199611212104.QAA10670@host.ott.igs.net>

would be nice to have an all band antenna that had low swr, was "fiddle-free" but the big kicker---would it be close to the efficiency of a dipole??im interested so please let us in on this secret..but for now i will remain sceptical 72 earl ve3ab

From owner-qrp-l@Lehigh.EDU Thu Nov 21 23:12:16 1996
From: "Jim Kortge, K8IQY" <jokortge@tir.com>
Subject: [4838] Re: Schematic/PCB Software
Message-ID: <1.5.4.16.19961121231302.35af0bd0@tir.com>

At 04:44 PM 11/20/96 -0700, you wrote:

>Has anyone had experience with WinDraft or WinBoard (\$30 packages sold by NTE)?
>I would like info on ease-of-use and file formats supported. (e.g., can you
>import a schematic created by WinDraft into a Word document?)

>

>72, Larry W1HUE/7

>

>

Larry...I've played with both of them a bit. I think that there is plenty of power to do most of what any of us would do, but I guess I haven't understood the paradigms yet! I find them both a bit awkward to use, and not as intuitive as the Protel demo products. However, WinBoard has much better layout and routing capabilities, but I can't seem to make it work yet. As for importing into Word, I haven't tried it yet. You may have to do some file conversion via Hijaak, or something else.

72...Jim

Jim Kortge, K8IQY (ex NU8N)		BMHA, NorCal, QRP-L
jokortge@tir.com	__o	Cascade 17/40 SSB
Fenton, MI	_`\<,	Mizuho 17/40 SSB
...	(*)/(*)	...

From owner-qrp-l@Lehigh.EDU Thu Nov 21 23:12:16 1996
From: JCoote@aol.com
Subject: [4829] Re: Vertical antenna question
Message-ID: <961121150512_1783658459@emout12.mail.aol.com>

In a message dated 96-11-20 17:18:02 EST, mgipe@reliablemeters.com (Michael A. Gipe) writes:

<< I see that a lot of people on the list are using GAP titan vertical antennas. Are they any good? How do they compare to competitors such as the Cushcraft R-7000? How do they compare to a plain old dipole up at a decent height?

Inquiring minds want to know (and catch more foxes).

Mike K1MG

>>

I am a little doubtful that popular no-radial verticals can outperform a vertical, even a trap vertical operated against a good set of radial wires.... 20 or more wires stretched out like the spokes in a wheel from the antenna base.

One company makes a "vertical windom" for 6 or 7 bands. Another makes a "Vertical Halfwave" for 6 or 7 bands. The last time I looked, a halfwave was a halfwave long in order for it to perform as one... you can play games with feed impedances and feedpoints on a 15 foot to 25 foot piece of metal which has no ground radials but I don't think it changes things much.

IMHO, I would use a trap vertical on a roof or elevated on a pole, with plenty of radials. Better to use lots of short (25' to 35') radials than the "two quarterwave radials per band" suggested by some manufacturers.

Another great idea for an allband vertical which I have tried is to make the vertical mast or pole $5/8$ wavelength on the highest band you will ever use... if 10 meters the vertical would be about 20 feet. If 20 meters, the vertical would be 40 feet. The antenna will be more efficient and a good low-angle radiator between it's $1/8$ wavelength and $5/8$ wavelength frequencies. My 20 foot antenna worked well from 3-30 MHz. The only hard part is the cost of this antenna- you must use an automatic tuner right at the base of the antenna. The antenna is operated over a groundplane of 10 or more radials the same length as the antenna. The antenna can be concealed as a TV antenna (a small one) and TV mast if insulated and guyed properly.

Manufactured antennas all work, but I would beware of their gain claims.

73, Jay

W6CJ (ex-WB6AAM)

From owner-qrp-1@Lehigh.EDU Thu Nov 21 23:12:16 1996

From: "John Shuster" <jshuster@ix.netcom.com>

Subject: [4864] Re: Want:Heath VTVM

Message-ID: <199611220429.UAA23844@dfw-ix7.ix.netcom.com>

To All:

I just bought a govt. surplus HP 410B from Tucker's for \$70. They're still in the test equipment business. It was advertised in a recent QST.

It comes with an RF probe that I have successfully used to align some of my rigs. They checked out right on target with Murray's oscilloscope.

They may have some left.

John

++++++
Father John Shuster, Married Roman Catholic Priest jshuster@ix.netcom.com
Need A Priest? Rent-A-Priest! 1-800-PRIEST-9 A Free Referral Service
At the foot of the Olympics in little Port Orchard, WA
K7MP ARCI 8951 QRP-L 554 ARS 36 NW QRP 346 WWDXC ARRL
++++++

> From: David Brude <dbrude@utc.campus.mci.net>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: Want:Heath VTVM
> Date: Thursday, November 21, 1996 7:10 PM
>
> I am looking for a Heathkit Vacuum Tube Voltmeter and if by chance an RF
> probe to go with it. Must be in good working(reasonably accurate)order.
> Please e-mail me at.....
>
> dbrude@utc.campus.mci.net
>
> Thanks
> David Brude (KN4EG)Chattanooga TN
>
>

From owner-qrp-l@Lehigh.EDU Thu Nov 21 23:12:16 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [4848] Re: Ziliak Tapes
Message-ID: <199611220023.AAA14719@chuck.dallas.sgi.com>

This group continues to amaze me. Great topics and sometimes repeats but good to bring up the topic again.

I have a set of the Ziliak Tapes also. I collect these things. Very good set of tapes.

But, there is one thing that is very subtle about them. Know why they work? Repetition is the key here. True of any language. You memorize and you repeat and you don't quit. Anyone who has learned any foreign language will tell you the same thing. Use it or lose it.

Lot's of people will tell you that they hate tapes. After listening to them a few times they have them memorized. Sorry to disappoint them but that is the purpose and a side effect, but it does help. :-) It does get boring sometimes. Just try to keep up your interest. Remember you memorize songs and music by repetition.

The concept of communication using Morse is very simple. You memorize about 50 symbols in sound and you go from there. The keyword here is sound. The goal afterwards is just to speed up. Anyone who memorized the . and - symbols starts out in serious trouble. Guaranteed. Anyone who gets cute with those symbols is wasting their time with me. I won't bother to decode it. I can't do it without conscious effort. I don't think the ARRL or anyone should have them anywhere in print with periods or dashes. But I'm preaching to the choir.

A didah or di-dah
B dahdididit or dah-di-di-dit
etc.

Another set of tapes that I have came from Tucker Electronics. Random characters from end to end with no (NO) grouping. I saw no real purpose in that. Yes, you won't be able to memorize all of it, but you gotta have a space once in a while to break the monotony. Five letter code groups is fine.

The best set of tapes that I have came from a W3. Zip to 55 wpm in over 6 hours of tape, but many more hours sitting at a typewriter.

I'm about ready to post the CW survey. The fill in the blanks at the end killed me so please be patient, it's a lot of cutting and pasting. Couldn't be automated.

How many of you know off the top of your head the following symbols in morse?

: " ' ; = - () \$ _ +

The question is rhetorical, of course.

I know them but I don't know the Russian Alphabet or other language symbols. Won't ever use the Russian Alphabet in day-to-day operations. Of course the ones above I don't use that much but once in a while I'll run across someone with a keyboard and they'll throw them in just for fun.

One of the ARRL CP runs had a quote and parenthesis embedded one time. Don't know if that was intentional but it can happen. Be prepared is a good motto, but you really have to have a mind for trivia to keep 'em there.

OK, we've had the discussion before on tapes but a lot of you may be new. We happen to talk about CW a lot because it is difficult for people, but fun once you get somewhat proficient.

dit dit

SIG

Chuck Adams (K5FO CP-60) WAS 40m/30m/20m=49/49/50
EMPS QS0s=109 STATES(w/c)=34/2 DX=0

From owner-qrp-1@Lehigh.EDU Thu Nov 21 23:12:16 1996
From: launerb@crl.com (William H. Launer)
Subject: [4854] Re: Ziliak Tapes
Message-ID: <v01530501aebab651faa2@[192.0.2.1]>

I've never heard the Ziliak Tapes (I learned the code from a set of Ameco records), but Chuck (and others) is right - once you've learned the code characters, you gain speed by repetition. When I got involved with this group, my cw was very rusty, and probably had fallen back to 13 wpm. Last night, after chasing a "non-existant" fox, I went down to the colorburst frequency on 80m to look for the "boatanchor" group. No activity, so I tuned up to W1AW, and tried to copy the code practice session. It seemed pretty fast (I thought it was probably 20 wpm), and I was able to copy between 1/3 and 1/2 of the text. Much to my surprise, the last of the session was "end 25 wpm text"! The next session was 20 wpm, and I had about 75 - 80% copy. I've made no deliberate attempts to increase my code speed. I attribute this speed increase to nothing more than trying to copy weak signals (fox hunting,

and other qrp activities) co-mingled with qrm, qrn, and other assorted distracting noises. There's no "magic formula"; use tapes, records, on-air activity, whatever, but just keep practicing. I know few of us can achieve anything near Chuck's ability, but we all should keep trying to improve!

Guess I'll start shooting for the "Extra", but will keep my old "boatanchor" call, because it's all mine! (I just had to say that!)

72/73 Bill wb0cld

Bill Launer
St. Charles, MO
launerb@crl.com
wb0cld@wb0cld.ampr.org [44.46.66.25]
qrp-l #279 qrp arco #3551
Grid Square EM48RT